



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/038,766	01/02/2002	Jeffery Tabor	659/919	6310

7590 10/06/2004
Robert N. Carpenter
BRINKS HOFER GILSON & LIONE
P.O. BOX 10395
CHICAGO, IL 60610

EXAMINER

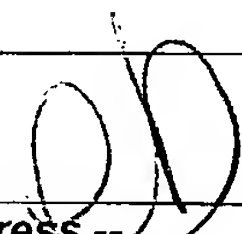
PURVIS, SUE A

ART UNIT	PAPER NUMBER
----------	--------------

1734

DATE MAILED: 10/06/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	10/038,766	TABOR ET AL.	
	Examiner	Art Unit	
	Sue A. Purvis	1734	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 14 July 2004.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-4,6-9 and 11-23 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 3 and 17-20 is/are allowed.
- 6) ☒ Claim(s) 1-4,6-9,11-16,21-23 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 112

1. The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

2. Claims 15 and 16 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement. The claims contains subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventors, at the time the application was filed, had possession of the claimed invention. Applicant has amended the claim to state that the recessed portion in the web conveyor includes "a bottom surface," however there is no indication in the specification or the drawings that the conveyor's recessed does have a bottom portion as required by the claim.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

4. Claims 1, 2, 4, 6, 9, 11-14, and 21-23 are rejected under 35 U.S.C. 102(b) as being anticipated by Blomqvist et al. (US Patent No. 3,847,710).

Art Unit: 1734

Blomqvist discloses an apparatus with a carrier body having a discrete part engaging outer surface, the outer surface including a generally convex surface and a generally convex recessed portion (3) spaced inwardly. The surface is adapted and configured to engage a discrete part having a thickness. The recessed portion having a bottom surface adapted and configured to engage the discrete part and further comprising at least one aperture (4) in the outer surface and extending through the carrier body for communication with a vacuum source.

Regarding claim 2, recessed portions are located centrally in Blomqvist.

Regarding claim 4, the recessed portion holds the absorbent products (49) which result in the diapers (58) and as can be seen by Figures 1, 5, and 7, these have a generally rectangular shape.

Regarding claim 6, Blomqvist includes a support (2) for supporting the carrier body.

Regarding claim 9, Blomqvist includes a conveyor (18) which is capable of transporting a substrate web.

Regarding claims 11-14, the web conveyor (18) is spaced from the transfer assembly a distance less than the combined total thickness of the substrate web and the discrete part. (See Figure 1.)

Regarding claim 21, the carrier body is rotatable about an axis normal to the convex surface.

Regarding claims 22, Blomqvist includes an aperture (4) opening in the bottom surface of the recessed portion.

Claim Rejections - 35 USC § 103

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

Art Unit: 1734

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claims 7 and 8 are rejected under 35 U.S.C. 103(a) as being unpatentable over Blomqvist as applied to claim 1 above, and further in view of Booth et al. (US Patent No. 5,579,340).

Blomqvist does not discuss a surface roughness for the outer surface or a plasma coating.

Booth discloses using a transfer segment with an outer surface roughness of at least 3 micrometers. As a result, a relatively low level of vacuum may be drawn through holes in the outer surface (46) to assist the surface roughness in maintaining the elongated elastic parts (26) in the elongated state. To achieve the surface roughness, the outer surface (46) of each transfer segment may include a coating such as a plasma coating as are known to those skilled in the art. (Col. 6, lines 23-53.)

It would have been obvious to one having ordinary skill in the art at the time the invention was made to have the surface in Blomqvist include a surface roughness as taught by Booth, because a surface roughness assists in gripping the article on the surface and thus less vacuum pressure would be needed to hold the article in place. Furthermore, Booth teaches that it is within the purview of the artisan to use a plasma coating to achieve a surface roughness.

Allowable Subject Matter

7. Claims 3 and 17-20 are allowed.

8. The following is an examiner's statement of reasons for allowance: Regarding claim 3, the reasons were set forth in the previous office action. Regarding claims 17-21, prior

Art Unit: 1734

art fails to teach or suggest the device as set forth in these claims. Oshefsky (US Patent No. 4,578,133) discloses pivoting transfer members, but does not disclose those members having a recessed portion with bottom surface, clearly differentiated from the apertures. Furthermore, there is no reason or suggestion for including such a feature in Oshefsky. Blomqvist, which shows a recessed portion with a bottom surface does not pivot about two axes as required by the claims.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Response to Arguments

9. Applicant's arguments with respect to claims 1, 2, 4, 6-9, 11-16, and 21 have been considered but are moot in view of the new grounds of rejection.

Conclusion

10. Applicant's amendment necessitated the new grounds of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no

Art Unit: 1734

event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

11. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sue A. Purvis whose telephone number is (571) 272-1236. The examiner can normally be reached on Monday through Friday 9am to 6pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Christopher A. Fiorilla can be reached on (571) 272-1187. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Sue A. Purvis
Primary Examiner
Art Unit 1734

SP
October 1, 2004